

Kindly amend the claims of the referenced application as follows:

Claims 1-86 CANCELLED

87. (Currently amended) An electronic program information preparing and transmitting apparatus for preparing electronic program information directed related to a plurality of channel services and for transmitting the prepared electronic program information to at least one users' terminals via a plurality of transport streams, comprising:

electronic program information preparing means for preparing:

(i): distributing information indicating which channel service should be distributed to which transport stream and

(ii): a plurality of channel services, comprising:

a first type of electronic program information concerning related to each of the plurality of channel services; and

a second type of electronic program information concerning related to each of the plurality of channel services;

wherein the first type of electronic program information is described with a first degree of detail and the second type of electronic program information is described with a second degree of detail, and

wherein said first and second degrees of detail are different from each other;

electronic program information distributing means for distributing, on the basis of the distributing information, to each transport stream:

(i): the first type of electronic program information concerning each channel service to a first transport stream assigned to the channel service, and

(ii): the second type of electronic program information concerning each channel service to the remaining at least one transport streams other than the first transport stream; and

transmitting means, for transmitting at least the transport streams to which the electronic program information has been distributed to the users' terminals, in which the transmission of the transport streams allows each of the users' terminals to display said first and second degrees of detail for the electric program information for a currently tuned channel service versus non-tuned channel services, respectively.

88. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 87, wherein the first degree of detail is greater with respect to its description of program information than the second degree of detail.

89. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 88, wherein the first type of electronic program information is contained in a longer period of time than the second type of electronic information whereby enabling the first degree of detail to be greater than the second degree of detail.

90. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 88, wherein the first type of electronic program information contains a greater amount of electronic program information than the second type of electronic information whereby the first degree of detail is higher than the second degree of detail.

91. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 87, wherein the electronic program information preparing means is configured to change the first and second degrees of detail on the basis of electronic degree of detail setting information that indicates the degree of detail of the first and second types of electric program information.

92. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 87, wherein the electronic program information preparing means is configured to produce the distributing information, indicating correspondences between the transport streams and the channel services, broadcast by each of a plurality of broadcast service stations.

93. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 92, wherein the first degree of detail has a greater description of program information than the second degree of detail.

94. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 93, wherein the first type of electronic program information provides information that occupies a longer period of time than the second type of electronic information whereby the first degree of detail is greater than the second degree of detail.

95. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 93, wherein the first type of electronic program information comprises a greater amount of electronic program information than the second type of electronic information whereby the first degree of detail is higher than the second degree of detail.

96. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 92, wherein the electronic program information preparing means is configured to change the first and second degrees of detail on the basis of electronic degree of detail setting information that indicates a degree of detail required of the first and second types of electric program information.

97. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 92, wherein the distribution information provides for correspondence between plural transport streams and plural channel services, respectively, broadcast by the same broadcast service station, and

wherein the electronic program information distributing means is configured to distribute, to each of the plural transport streams assigned to the same broadcast service station, the first type of electronic program information concerning each of the plural channel services broadcast by the same broadcast service station.

98. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 97, wherein the first degree of detail is higher, in its description of program information, than the second degree of detail.

99. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 98, wherein the first type of electronic program information description occupies a longer period of time than the second type of electronic information whereby enabling the first degree of detail to be greater than the second degree of detail.

100. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 98, wherein the first type of electronic program information has a greater amount of electronic program information than the second type of electronic information whereby the first degree of detail is higher than the second degree of detail.

101. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 98, wherein the electronic program information preparing means is configured to change the first and second degrees of detail on the basis of degree of detail setting electronic information that assigns a different degree of detail to the first and second types of electric program information.

102. (Previously submitted) The electronic program information preparing and transmitting apparatus according to claim 97, wherein the electronic program information preparing means is configured to change the first and second degrees of detail on the basis of degree of detail setting electronic information that assigns a different degree of detail to the first and second types of electric program information.

103. (Currently amended) A method of preparing electronic program information related to a plurality of channel services and transmitting the prepared electronic program information to at least one users' terminals via a plurality of transport streams, the method comprising the steps of:

preparing:

(i): distributing information indicating which channel service should be distributed to which transport stream; and

(ii): for each of a plurality of channel services, both a first type of electronic program information related to the channel service and a second type of electronic program information related to the channel service;

wherein the first type of electronic program information is described with a first degree of detail; and

wherein the second type of electronic program information is described with a second degree of detail that is different, in description of program information, from the first degree of detail;

distributing, on the basis of the distributing information:

(i): the first type of electronic program information, concerning each channel service, to a transport stream assigned to a first channel service, and

(ii): the second type of electronic program information, concerning each channel service, to the remaining at least one transport streams, other than said first transport stream; and

transmitting the transport streams, to which the electronic program information has been distributed to the users' terminals, in which the transmission of the transport streams allows each of the users' terminals to display said first and second degrees of detail for the electric program information for a currently tuned channel service versus non-tuned channel services, respectively.

104. (Previously submitted) The method according to claim 103, wherein the first degree of detail has a greater description of program information than the second degree of detail.

105. (Previously submitted) The method according to claim 104, wherein the first type of electronic program information is described over a longer in a period of time than the second type of electronic information whereby enabling the first degree of detail to be greater than the second degree of detail.

106. (Previously submitted) The method according to claim 104, wherein the first type of electronic program information describes a greater amount of electronic program information than the second type of electronic information whereby the first degree of detail is enabled to be greater than the second degree of detail.

107. (Previously submitted) The method of preparing and transmitting electronic program information according to claim 103, wherein the electronic program information preparing step produces distributing information that identifies correspondence between a transport stream and channel services, respectively, broadcast by each of a plurality of broadcast service stations.

108. (Previously submitted) The method according to claim 107, wherein the first degree of detail has a greater description of program information than the second degree of detail.

109. (Previously submitted) The method according to claim 108, wherein the first type of electronic program information is described over a longer in a period of time than the second type of electronic information whereby enabling the first degree of detail to be greater than the second degree of detail.

110. (Previously submitted) The method according to claim 108, wherein the first type of electronic program information describes a greater amount of electronic program information than the second type of electronic information whereby the first degree of detail is enabled to be greater than the second degree of detail.

111. (Previously submitted) The method of preparing and transmitting electronic program information according to claim 107, wherein the distribution information identifies correspondence between each of a plurality of transport streams and plural channel services, respectively, broadcast by the same broadcast service station, and

wherein the electronic program information distributing step distributes, to each of the plural transport streams assigned to the same broadcast service station, the first type of electronic program information related to each of the plural channel services broadcast by the same broadcast service station.

112. (Previously submitted) The method according to claim 111, wherein the first degree of detail has greater description of program information than the second degree of detail.

113. (Previously submitted) The method according to claim 112, wherein the first type of electronic program information is described over a longer period of time than the second type of electronic information so that the first degree of detail is enabled to be greater than the second degree of detail.

114. (Previously submitted) The method according to claim 112, wherein the first type of electronic program information describes a greater amount of electronic program information than the second type of electronic information whereby the first degree of detail is enabled to be greater than the second degree of detail.